

WHAT IS CLAIMED IS:

1. A method, comprising:  
identifying a location;  
associating a Personal Digital Assistant (PDA) address book entry with the location to form a waypoint; and  
integrating PDA address book functions with Global Positioning System (GPS) capabilities.
2. The method of claim 1, wherein identifying a location includes identifying a location based on electronic map data.
3. The method of claim 1, wherein identifying a location includes identifying a location based on a GPS-determined current location.
4. The method of claim 1, wherein identifying a location includes identifying a location based on electronic map data and a cursor position on the electronic map.
5. The method of claim 1, further comprising:  
identifying electronic map feature data associated with the location; and  
pre-filling the PDA address book entry using the electronic map feature data associated with the location.
6. The method of claim 5, further comprising editing the pre-filled PDA address book entry.
7. A method, comprising:  
selecting a Personal Digital Assistant (PDA) address book entry;

associating a location with the PDA address book entry to form a waypoint;  
and  
integrating PDA address book functions with Global Positioning System  
(GPS) capabilities.

8. The method of claim 7, wherein selecting a PDA address book entry includes creating the PDA address book entry.

9. The method of claim 7, wherein associating a location with the PDA address book entry includes creating a new waypoint from electronic map data.

10. The method of claim 7, further comprising performing an application using the waypoint.

11. The method of claim 10, wherein performing an application using the waypoint further includes displaying route guidance to the waypoint.

12. The method of claim 10, wherein performing an application using the waypoint further includes providing verbal route guidance to the waypoint.

13. The method of claim 7, wherein associating a location with the PDA address book entry to form a waypoint includes associating a symbol with the waypoint.

14. A computer-readable medium having computer-executable instructions adapted to associate a Personal Digital Assistant (PDA) address book entry with a location on an electronic map that is capable of being displayed on the PDA.

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15. The computer-readable medium of claim 14, wherein the computer-executable instructions are further adapted to identify the location based on a GPS-determined current location and then to create the PDA address book entry to be associated with the identified location to form a waypoint.

16. The computer-readable medium of claim 14, wherein the computer-executable instructions are further adapted to identify the location based on a cursor position on the electronic map and then to create the PDA address book entry to be associated with the identified location to form a waypoint.

17. The computer-readable medium of claim 14, wherein the location is associated with electronic map feature data, and wherein the computer-executable instructions are further adapted to pre-fill the PDA address book entry using the electronic map feature data associated with the location.

18. The computer-readable medium of claim 17, wherein the computer-executable instructions are further adapted to allow the pre-filled address book entry to be edited.

19. The computer-readable medium of claim 14, wherein the computer-executable instructions are further adapted to create the PDA address book entry, and then associate a location with the PDA address book entry to form a waypoint.

20. The computer-readable medium of claim 19, wherein the computer-executable instructions are further adapted to display the waypoint on the electronic map.

21. The computer-readable medium of claim 19, wherein the computer-executable instructions are further adapted to provide route guidance to the waypoint.
22. The computer-readable medium of claim 14, wherein the computer-executable instructions are further adapted to associate a symbol with the location.
23. A data structure for use by a Personal Digital Assistant (PDA) for linking a PDA address book entry and a location for use in integrating PDA address book functions with Global Positioning System (GPS) capabilities, comprising:
- a field representing a latitude; and
  - a field representing a longitude.
24. The data structure of claim 23, wherein the field representing a latitude and the field representing a longitude is associated with the PDA address book entry.
25. The data structure of claim 23, wherein the field representing a latitude and the field representing a longitude includes a data string contained within a custom field in the PDA address book entry.
26. The data structure of claim 23, further including a field representing a symbol associated with the location.
27. The data structure of claim 23, further including a field representing an altitude.
28. A Personal Digital Assistant (PDA) device with an integrated electronic map and address book, comprising:

a processor; and  
a memory adapted to communicate to the processor,  
wherein the memory includes address book data and electronic map data,  
wherein the device is adapted to associate a location that is capable of being  
displayed on the electronic map with a PDA address book entry to form a waypoint.

29. The PDA device of claim 28, wherein the memory includes a map data cartridge on which the electronic map data is stored.
30. The PDA device of claim 28, wherein the device is adapted to pre-fill data fields in the PDA address book entry with electronic map data associated with the location.
31. The PDA device of claim 30, wherein the device is adapted to allow the pre-filled PDA address book entry to be edited.
32. The PDA device of claim 28, wherein the device is adapted to create the PDA address book entry, and then identify the location associated with the PDA address book entry.
33. The PDA device of claim 28, wherein the device is adapted to route to the waypoint on the electronic map.
34. The PDA device of claim 28, wherein the device has wireless communication capabilities.

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35. The PDA device of claim 28, further comprising a Global Positioning System (GPS) receiver adapted to receive GPS signals, wherein the GPS receiver is adapted to communicate with the processor.
36. The PDA device of claim 35, wherein the location associated with the PDA address book entry is determined by a GPS-determined location of the GPS receiver.
37. The PDA device of claim 28, wherein the location associated with the PDA address book entry is determined by a cursor position on the electronic map.
38. The PDA device of claim 28, wherein the waypoint associated with the PDA address book entry is manually entered.

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